

● Toolholder Dimensions

Description	Std.		Min. Bore Dia.	Dimension (mm)								θ	Standard Corner-R (r)	Coolant Hole	Drawing	Spare Parts										
	R	L		φA	φD	H	L1	L2	L3	L4	F					S	Clamp Screw	Wrench								
Excellent Bar	●	●	8	6	5	100	12	-	12	3.8	0.5	12°	0.2	No	Fig.1	SB-2035TR	FT-6									
	●	●	10	8	7	120	16	22	16	5	0.5	10°				SB-2545TR	FT-8									
	●	●	12	10	9	140	20	25	20	6.2	0.9	8°				0.4	Yes	Fig.2	SB-3060TR	FT-10						
	●	●										10°														
	●	●	14	12	11	150	24	30	24	7.2	0.8	7°									0.4	Yes	Fig.2	SB-3060TR	FT-10	
	●	●	18	16	15	180	30	36	30	9.2	0.7	3.5°														
	●	●	22	20	19	200	36	46	37	11.2	0.7	2°														
	●	●	27	25	24	250	46	55	46	13.7	0.7	0°														
●	●	8	6	5	100	12	-	12	3.8	0.5	12°	0.2	No	Fig.3	SB-2035TR											FT-6
●	●	10	8	7	120	16	22	16	5	0.5	10°				SB-2545TR											FT-8
●	●	12	10	9	140	20	25	20	6.2	0.9	8°				0.4	No	Fig.4	SB-3060TR	FT-10							
●	●										10°															
●	●	14	12	11	150	24	30	24	7.2	0.8	7°									0.4	No	Fig.4	SB-3060TR	FT-10		
●	●	18	16	15	180	30	36	30	9.2	0.7	3.5°															
●	●	22	20	19	200	36	46	37	11.2	0.7	2°															
●	●	27	25	24	250	46	55	46	13.7	0.7	0°															
●	●	8	6	5.4	110	12	-	12	3.8	0.5	12°	0.2	No	Fig.5											SB-2035TR	FT-6
●	●	10	8	7	140	16	15	15	5	0.5	10°														0.4	Yes
●	●	12	10	9	160	20	19	19	6.2	0.9	8°															
●	●										105															
●	●	14	12	11	180	23	22	22	7.2	0.8	7°				0.4	Yes	Fig.6	SB-3060TR	FT-10							
●	●										80															
●	●	160																								
●	●	105																								
●	●	80																								
●	●	18	16	15	220	28	27	27	9.2	0.7	3.5°															
●	●	22	20	19	145	32	31	31	11.2	0.7	2°															
●	●	27	25	24	110	38	37	37	13.7	0.7	0°															
●	●	22	20	19	250	32	31	31	11.2	0.7	2°															
●	●	27	25	24	300	38	37	37	13.7	0.7	0°	0.4	Yes	Fig.6	SB-3060TR	FT-10										
●	●										125															
●	●	27	25	24	200	38	37	37	13.7	0.7	0°	0.4	Yes	Fig.6	SB-4065TR	FT-15										
●	●										200															

● Applicable Inserts

Applications	Minute ap	Finishing	Finishing	Finishing-Medium	Finishing	Finishing / Precision	Medium	Low Feed / Precision	Soft Steel Finishing	Soft Steel Finishing-Medium
Ref. Page	B63, B66	B66	B63	B66	B63, B67	B68	B67	B68	B66	B66
Insert	CF	GP	DP	HQ	¾	¾-FSF	¾-H	F¾-USF	XP	XQ
Toolholder										
Applications	Cast Iron	Non-ferrous Metals	Hard Materials							
Ref. Page	B63, B68	C19, C20, C21	C12							
Insert	Without Chipbreaker	PCD	CBN							
Toolholder										
Applications	Cast Iron	Non-ferrous Metals	Hard Materials							
Ref. Page	B63, B68	C19, C20, C21	C12							
Insert	Without Chipbreaker	PCD	CBN							
Toolholder										
Applications	Cast Iron	Non-ferrous Metals	Hard Materials							
Ref. Page	B63, B68	C19, C20, C21	C12							
Insert	Without Chipbreaker	PCD	CBN							
Toolholder										

For recommended cutting conditions, see page ● F82-F83

● : Std. Item □ : Check Availability

